AMENDMENTS TO THE CLAIMS

1. (Currently amended) A system for providing information regarding the operation

of a control system, comprising:

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a Web server module associated with said control system, said Web server module

having a memory operative to store a non-markup language Web site database that [[may be]] is

used to dynamically generate a markup language Web page in response to a request, wherein

[[the]] said Web site may be provided page is populated by the Web server module to provide

with information regarding the operation of the control system in response to the request; [[and]]

a remote computer operative to receive non-markup language configuration data defining

attributes of said Web site, to store said configuration data as said non-markup language Web

site database, to access said Web server module, to transmit said non-markup language Web site

database to said Web server module, and to request and receive said markup language Web page

from said Web server module; and

a Web server module configuration application operative to create said non-markup

language Web site database and to transmit said database to said Web server module in response

to the request.

2. (Currently amended) The system of Claim 1, wherein said Web server module is

operative to receive a request for [[a]] said Web page of said Web site and to dynamically

generate a markup language Web page from said non-markup language Web site database in

response to said request.

3. (Currently amended) The method system of Claim 2, wherein said Web server

module is operative to transmit said dynamically generated markup language Web page to [[a]]

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the remote computer making said request.

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4. (Previously presented) The system of Claim 3, wherein said non-markup

language Web site database further comprises a security profile map defining security level and

privilege information for one or more users, and wherein said Web server module is further

operative to identify a user associated with said request and to determine if said user is

authorized to receive said Web page based upon an entry in said security profile map associated

with said user.

5. (Previously presented) The system of Claim 2, wherein said non-markup

language Web site database further comprises data defining a Web page comprising a table for

reading or writing the contents of a memory register contained within said control system.

6. (Previously presented) The system of Claim 2, wherein said non-markup

language Web site database further comprises data defining a Web page comprising a non-text

rendering of read or write data corresponding to contents of a memory register contained within

said control system.

7. (Original) The system of Claim 5, wherein said request comprises a request for

said Web page comprising a table, and wherein said Web server module is operative to identify

said memory register, to determine the contents of said memory register, and to create said Web

page comprising a table containing said contents of said memory register.

8. (Original) The system of Claim 6, wherein said request comprises a request for

said Web page comprising a non-text rendering, and wherein said Web server module is

operative to identify said memory register, to determine the contents of said memory register,

and to create said Web page comprising a non-text rendering based upon said contents of said

memory register.

9. (Original) The system of Claim 3, wherein said Web server module is electrically

connected to said control system controller through a backplane interface.

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10. (Original) The system of Claim 3, wherein said Web server module is electrically

connected to said control system controller through a serial interface.

11. (Original) The system of Claim 3, wherein said Web server module is electrically

connected to said control system controller through a network interface.

12. (Currently amended) The method system of Claim 3, wherein said request

comprises a hyper-text transport protocol request and wherein said request is received from a

Web browser executing on said remote computer.

13. (Currently amended) The method system of Claim [[12]] 1, wherein said

dynamically generated markup language Web page comprises a Web page identifying an alarm

generated by said Web server module through the monitoring of data for said control system.

14. (Currently amended) The method system of Claim [[12]] 1, wherein said

dynamically generated markup language Web page comprises a Web page identifying an event

generated by said Web server module through the monitoring of data for said control system.

15. (Currently amended) The method system of Claim [[12]] 1, wherein said Web

server module further comprises an Ethernet interface for receiving said non-markup language

Web site database and said requests and wherein said dynamically generated markup language

Web page may comprise a Web page providing information regarding the status of said Ethernet

interface.

16. (Currently amended) The method system of Claim [[12]] 1, wherein said Web

server module further comprises a serial port interface and wherein said dynamically generated

markup language Web page may comprise a Web page providing information regarding said

serial port interface.

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(Currently amended) The method system of Claim [[12]] 1, wherein said 17.

dynamically generated markup language Web page comprises a Web page providing system

administrator or specific user-allowed access that allows active browser session modification of

said security profile privileges.

(Currently amended) The method system of Claim [[12]] 1, wherein said Web 18.

server module is further operative to receive a plurality of said requests and wherein said

dynamically generated markup language Web page may comprise a Web page identifying a like

plurality of users connected to said Web server module and associated with said plurality of

requests.

(Currently amended) An apparatus for providing information regarding the 19.

operation of a control system, comprising:

a central processing unit;

a memory coupled to said central processing unit operative to store a non-markup

language Web site database defining attributes of a Web site associated with said control system,

said non-markup language Web site database in a format that [[may be]] is utilized by said

central processing unit to dynamically render Web pages of said Web site;

a first interface coupled to said central processing unit for communicating with said

control system controller and utilized by said central processing unit to retrieve and provide

information regarding the operating of and for said control system that may be provided through

the dynamically generated Web site;

a second interface for communicating with a remote computer also coupled to said

central processing unit and utilized by said central processing unit to receive requests for said

Web pages and to transmit responses to said requests; and

a computer operative to store a Web server module configuration application utilized by a

user to create said non-markup language Web site database and to communicate with said central

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processing unit via said second interface by sending said requests and receiving said transmitted responses.

20. (Previously presented) The apparatus of Claim 19, wherein said central

processing unit is further operative to receive a request via said second interface for a Web page,

to dynamically generate said Web page from said non-markup language Web site database

utilizing information obtained from said control system controller via said first interface, and to

transmit said Web page in response to said request via said second interface.

21. (Original) The apparatus of Claim 20, wherein said first interface comprises a

backplane interface.

22. (Original) The apparatus of Claim 20, wherein said first interface comprises a

serial port interface.

23. (Original) The apparatus of Claim 20, wherein said first interface comprises a

network interface.

24. (Original) The apparatus of Claim 20, further comprising a security profile map

defining security privileges for one or more users, and wherein said central processing unit is

further operative to identify a user associated with said request and to determine if said user is

authorized to receive said Web page based upon entries in said security profile map associated

with said user and said Web page.

25. (Previously presented) The apparatus of Claim 20, wherein said non-markup

language Web site database further comprises data defining a Web page comprising a table or

non-text rendering for reading or writing the contents of a memory register contained within said

control system.

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(Previously presented) The apparatus of Claim 25, wherein said request 26.

comprises a request for said Web page comprising a table or non-text rendering of data, and

wherein said central processing unit is operative to identify said memory register, to determine

the contents of said memory register, and to create said Web page comprising a table or non-text

rendering corresponding to said contents of said memory register using said non-markup

language Web site database.

(Previously presented) A method for providing information regarding the 27.

operation of a control system, comprising:

receiving non-markup language configuration data defining attributes of a Web site;

storing said configuration data as a non-markup language Web site database; and

in response to a request, dynamically generating a Web page defined by the non-markup

language configuration data stored as a non-markup language Web site database that provides

information regarding the operation of a control system.

(Previously presented) The method of Claim 27, further comprising transmitting 28.

said non-markup language Web site database to a Web server module associated with said

control system, wherein said Web server module is operative to receive requests for said Web

site and to generate markup language Web pages from said non-markup language Web site

database in response to said requests.

(Original) The method of Claim 27, wherein said configuration data comprises 29.

data defining Web pages comprising a table or non-text rendering corresponding to the contents

of read or write memory registers contained within said control system.

(Original) The method of Claim 29, wherein said data defining said table is 30.

created by receiving a mapping of a text tag to said memory register and by receiving a selection

of said tags and a request that said tag be displayed in said table.

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31. (Original) The method of Claim 29, wherein said data defining said non-text

rendering is created by receiving a mapping of a tag to said memory register and a request that

said tag be displayed via said non-text rendering.

32. (Canceled)

33. (Previously presented) The method of Claim 27, wherein said configuration data

comprises an internet protocol address for said Web server module.

34. (Original) The method of Claim 27, wherein receiving non-markup language

configuration data defining a Web site comprises receiving the selection of one or more of a

plurality of defined Web pages.

35. (Previously presented) The method of Claim 27, wherein said plurality of defined

Web pages comprises a security page, an alarm Web page, an event Web page, an Ethernet Web

page, a serial port Web page, a menu Web page, a data access Web page, a page identifying

online users, or a systems administrator page.

36. (Previously presented) A computer-readable medium comprising instructions

which, when executed by a computer, cause the computer to perform the method of any one of

Claims 27-31 and 33-35.

37. (Previously presented) A computer-controlled apparatus capable of performing

the method of any one of Claims 27-31 and 33-35.

38. (Previously presented) A method for creating a web site for presenting

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information regarding the operation of a control system, the method comprising:

providing a Web server module configuration application interface;

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receiving a non-markup language Web site design, wherein the non-markup language Web site design defines attributes of a Web site for presenting information regarding the

operation of a control system that is to be provided by a Web server module;

storing the received non-markup language Web site design as a non-markup language

Web site database; and

transmitting the non-markup language Web site database.

39. (Previously presented) The method of Claim 38, wherein the Web server module

configuration application interface allows a user to design a Web site without using a markup

language.

40. (Previously presented) The method of Claim 38, wherein the Web server module

configuration application interface includes a module reference, a rack designator, a lost

designator, and a host name.

41. (Previously presented) The method of Claim 38, wherein the Web server module

configuration application interface allows a user to add, delete, or modify Web pages of a Web

site.

42. (Previously presented) The method of Claim 38, wherein the Web server module

configuration application interface allows a user to create tables in a Web site.

43. (New) The system of Claim 1, wherein said Web server module configuration

application is stored on said remote computer and is executed by a user.

44. (New) The system of Claim 1, wherein said control system comprises a

programmable logic controller.

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45. (New) A method for defining operational characteristics of a Web server module

and for producing a non-markup language Web site design for said Web server module,

comprising:

accessing a user interface of a Web server module configuration application, wherein the

user interface and Web server module configuration application are stored and executed on a

remote computer connected to said Web server module;

configuring a desired aspect of said Web server module through interaction with the user

interface; and

interacting with the user interface to generate a non-markup language Web site design,

wherein interaction includes:

defining a table stored in the Web server module and viewed to generate a markup

language Web page; and

manipulating and storing in the Web server module non-markup language Web

pages.

46. (New) The method of Claim 45, wherein the desired aspect of said Web server

that is configured is selected from a group of desired aspects including: an Ethernet port, a serial

port, an e-mail server port, a module reference, a rack designator, a slot designator, a host name,

an e-mail server port IP address, an IP address, a subnet mask, and a gateway address.

47. (New) The method of Claim 45, wherein defining the table includes editing

existing tables using a table list provided by said Web server configuration application.

48. (New) The method of Claim 45, wherein defining the table further includes

creating new tables and specifying the tagged data items and columns of said tables using a tag

list and a column list provided by said Web server configuration application.

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49. (New) The method of Claim 45, wherein defining the table further includes creating new tags and editing existing tags using a tag definition screen provided by said Web server configuration application.